



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Friday October 16, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Elevated to critical fire weather conditions possible Saturday for NM into the TX/OK Panhandles.**
- **Two areas in the tropics (east-central Atlantic and southwestern Caribbean Sea) have a low chance of development, but aren't expected to bring any impacts to Region 6 within the next 5 days.**

# FEMA Region 6 Threat Matrix

Oct 16, 2020 - Oct 20, 2020



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| DAY / THREAT                   | Fri   | Sat                     | Sun   | Mon   | Tue   |
|--------------------------------|-------|-------------------------|-------|-------|-------|
| Severe Storms                  |       |                         |       |       |       |
| Heavy Rain /<br>Flash Flooding |       |                         |       |       |       |
| Fire Weather                   |       | NM,<br>TX/OK Panhandles |       |       |       |
| Tropical<br>Winds / Surge      |       |                         |       |       |       |
| Winter Weather                 |       |                         |       |       |       |
| River Flooding                 | SW LA | SW LA                   | SW LA | SW LA | SW LA |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



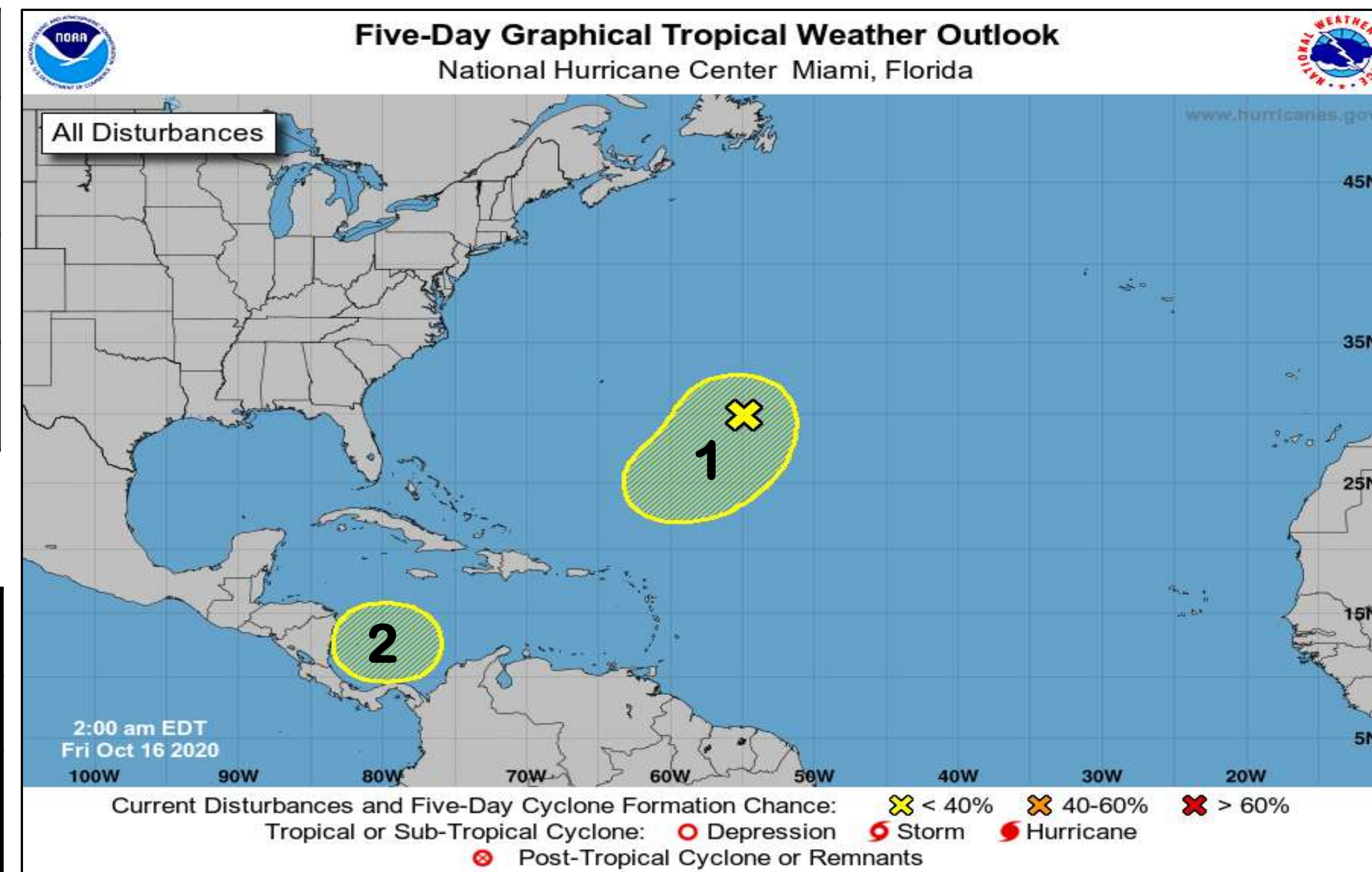
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## Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1    | Low                   | None.                       |
| 2    | Low                   | None in the next 5 days.    |

## Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| -     |                             |



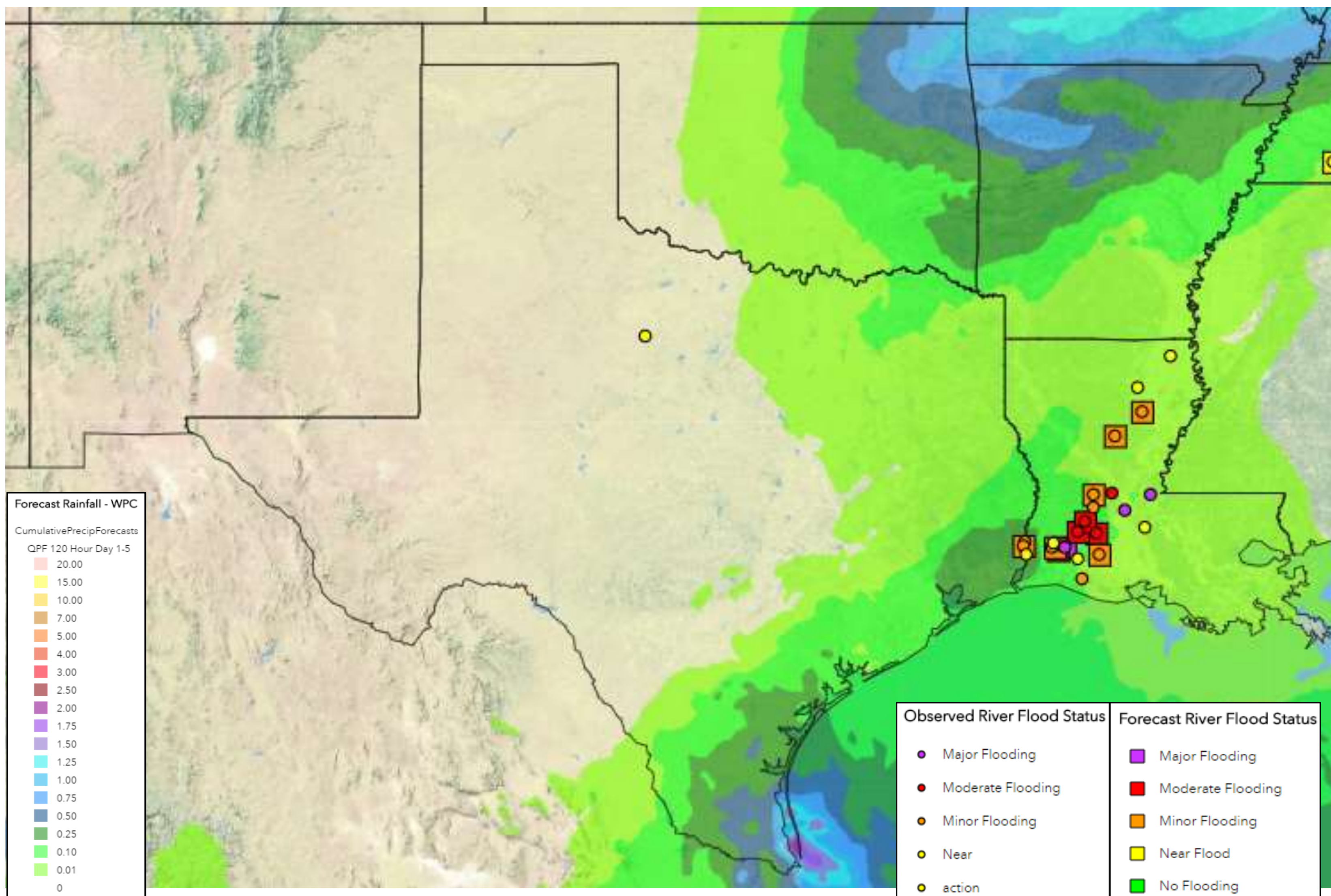


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major river flooding continues across SW LA.**

**The Calcasieu River will continue a slow fall at all points. Near White Oak Park (east of Lake Charles), the river remains in major flood stage through Sunday. Impacts to roads, camps and some homes is still occurring.**

**Bayou Nezpique at Basile should fall below moderate flood stage today.**

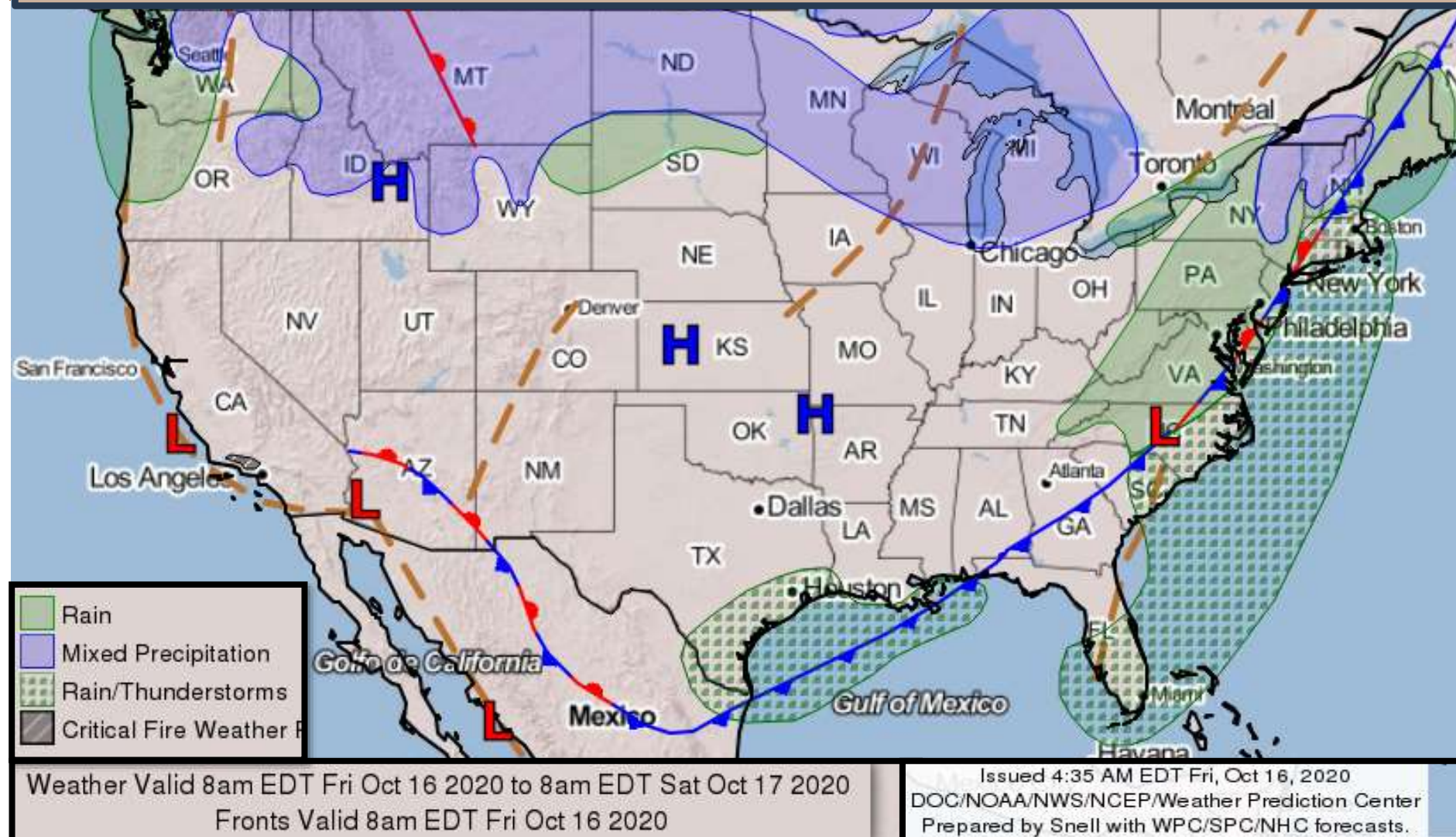


# Today's Weather

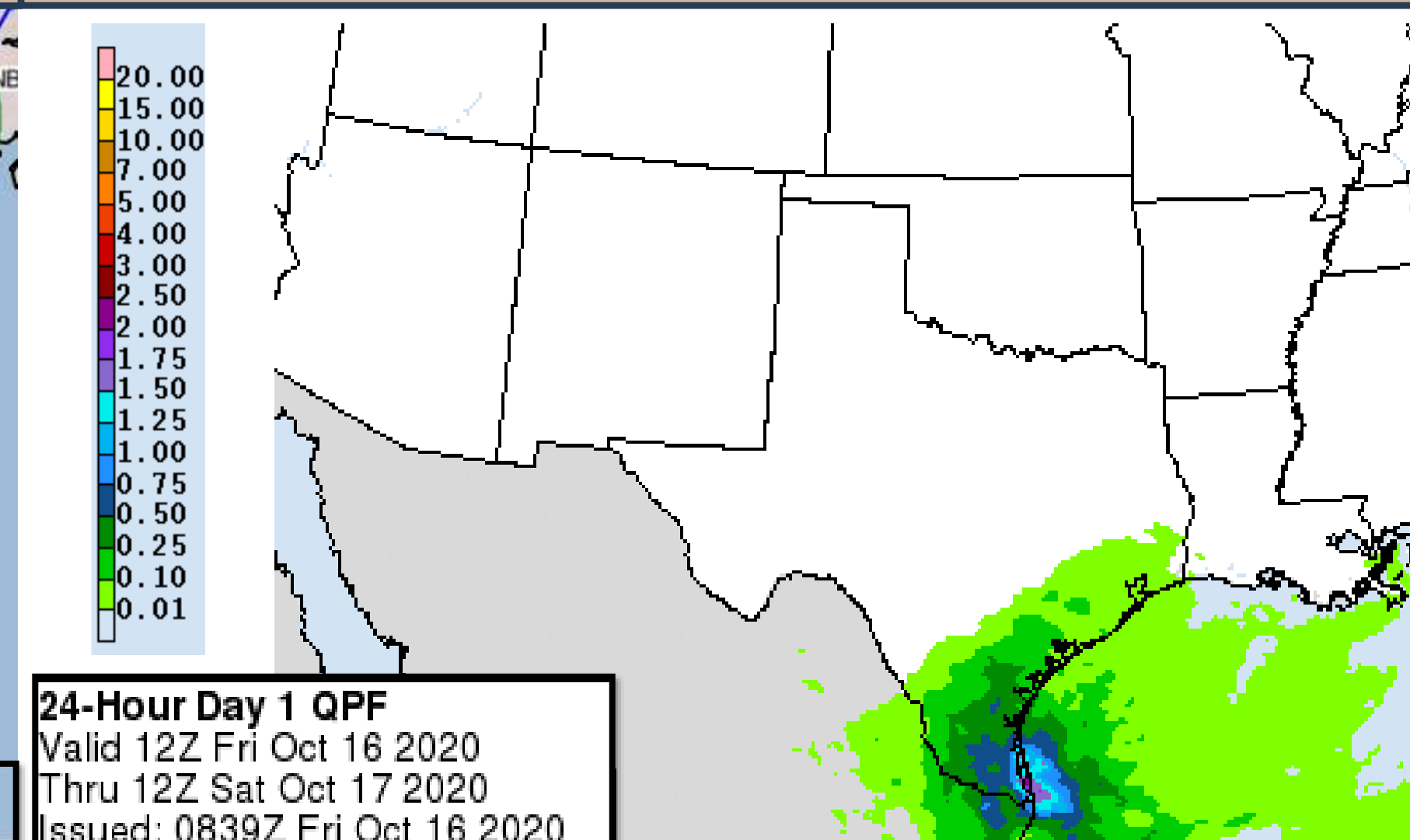


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## Forecast Chart



## Forecast Rainfall

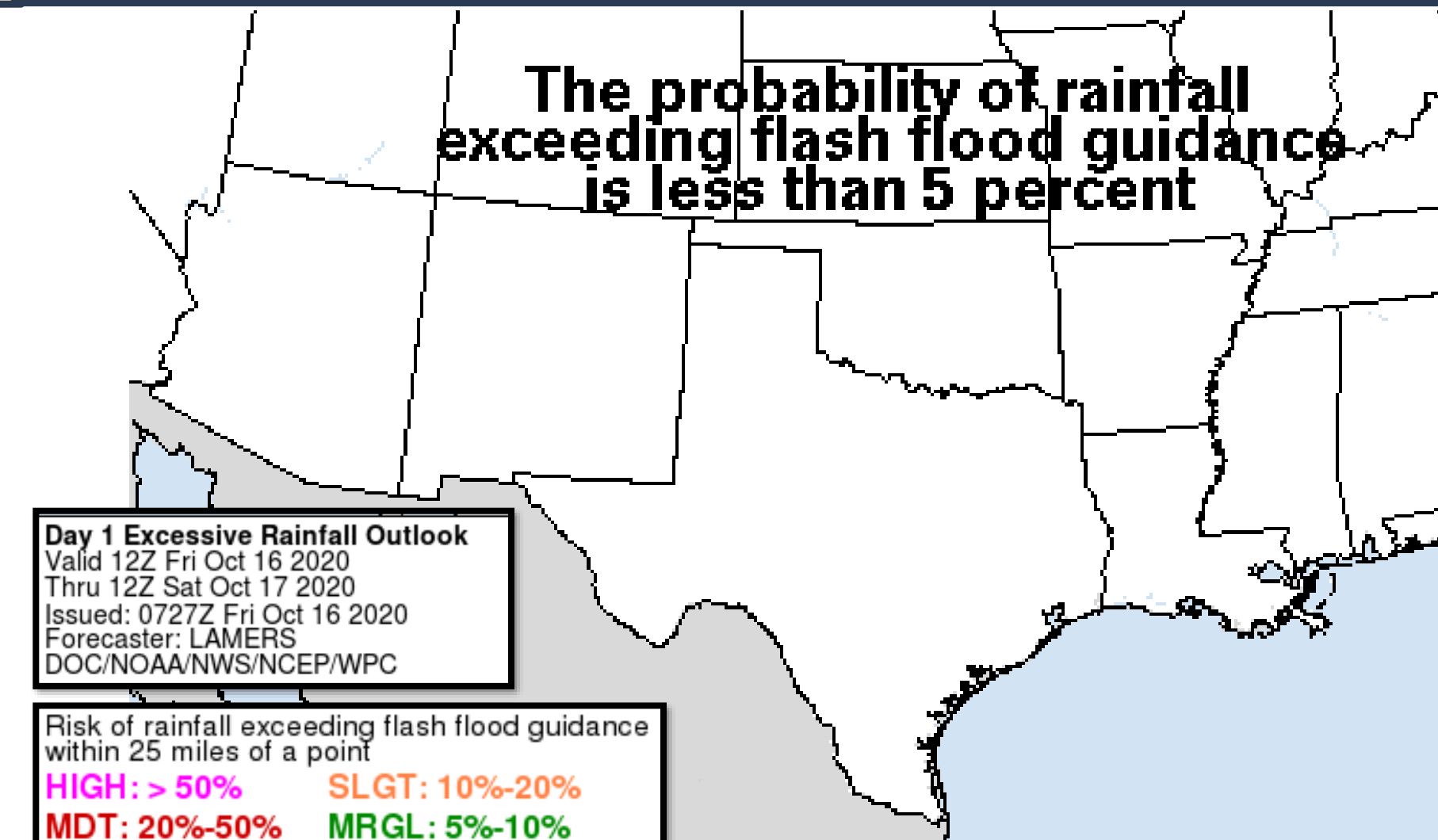


**No significant weather  
expected.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

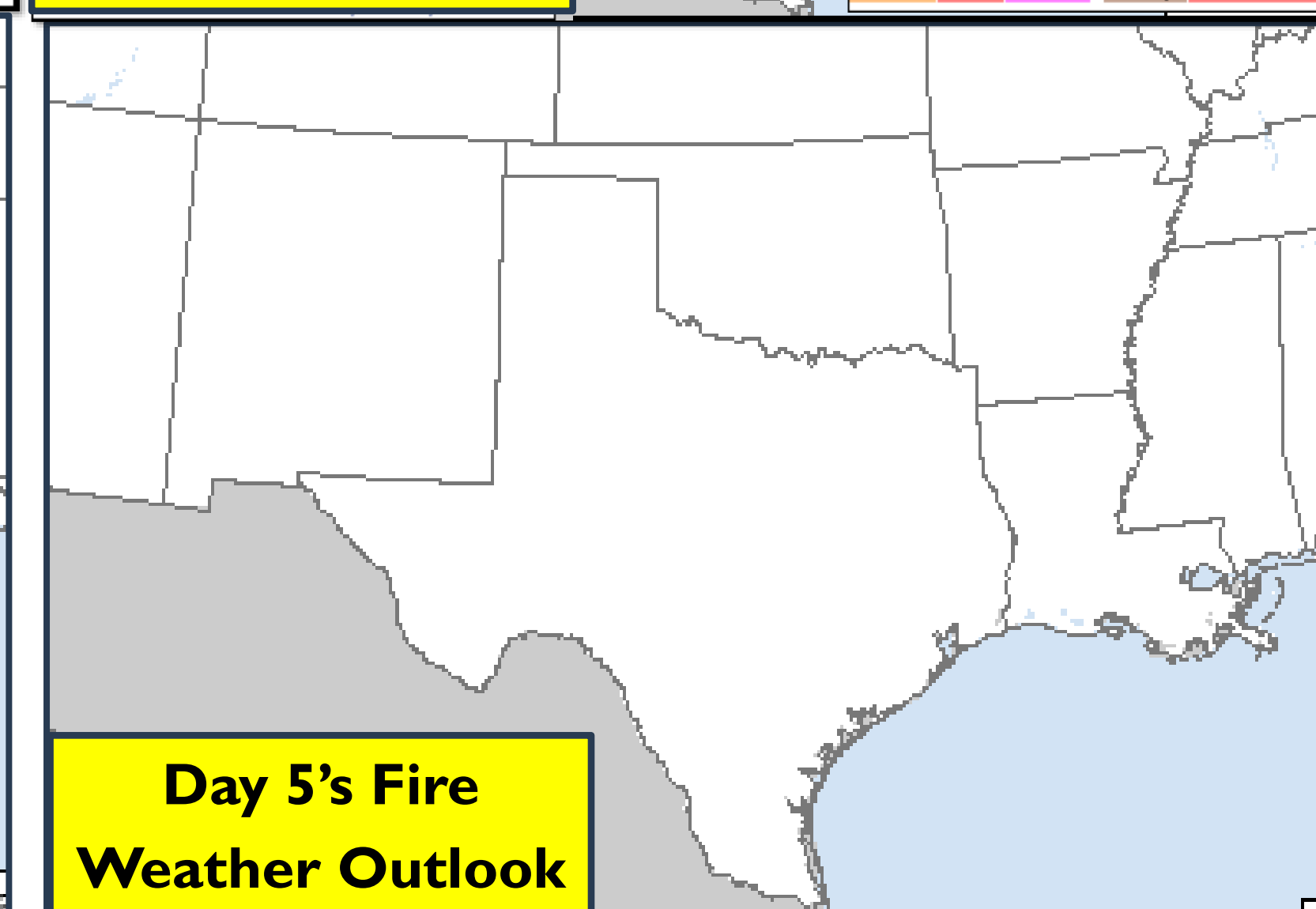
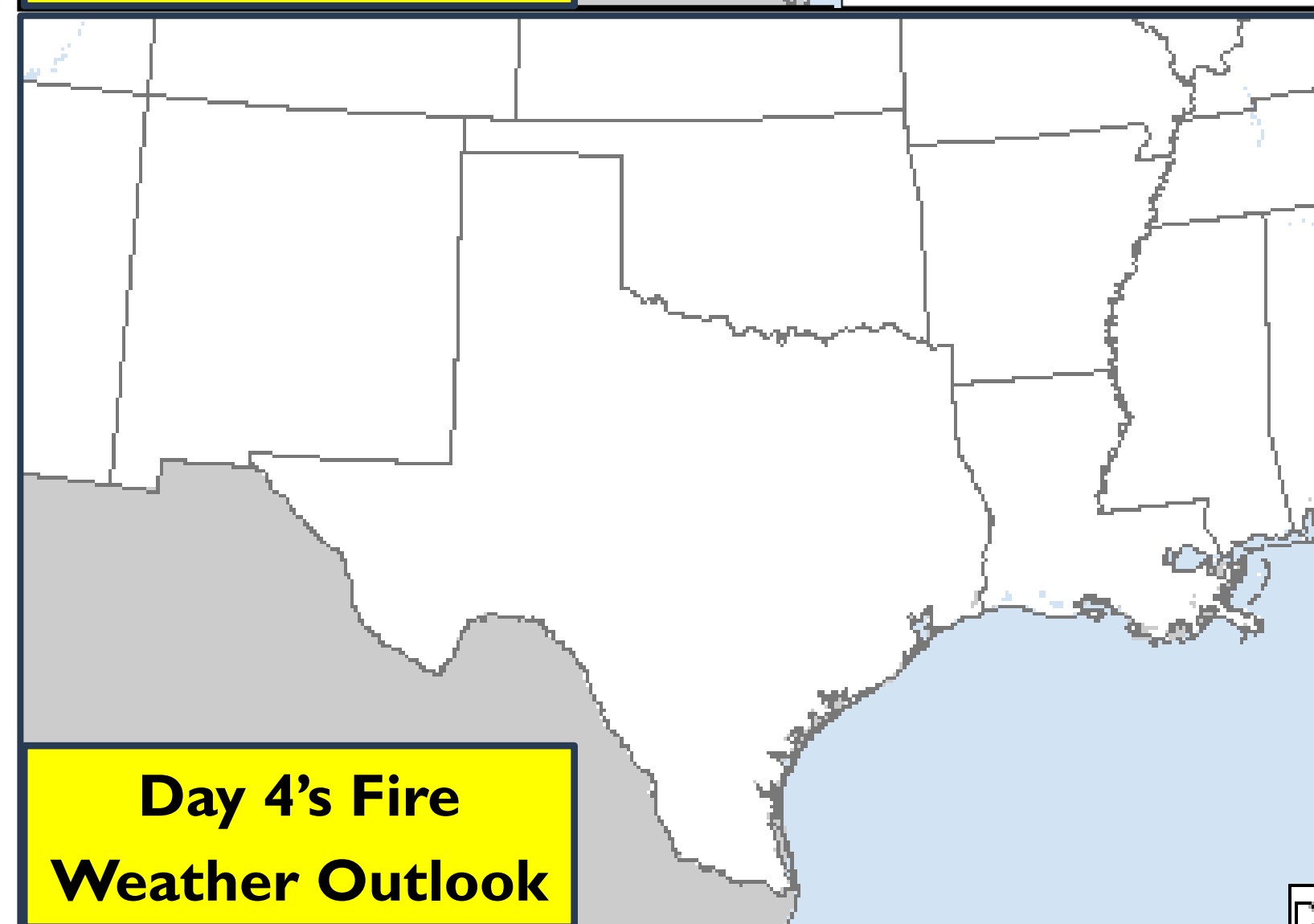
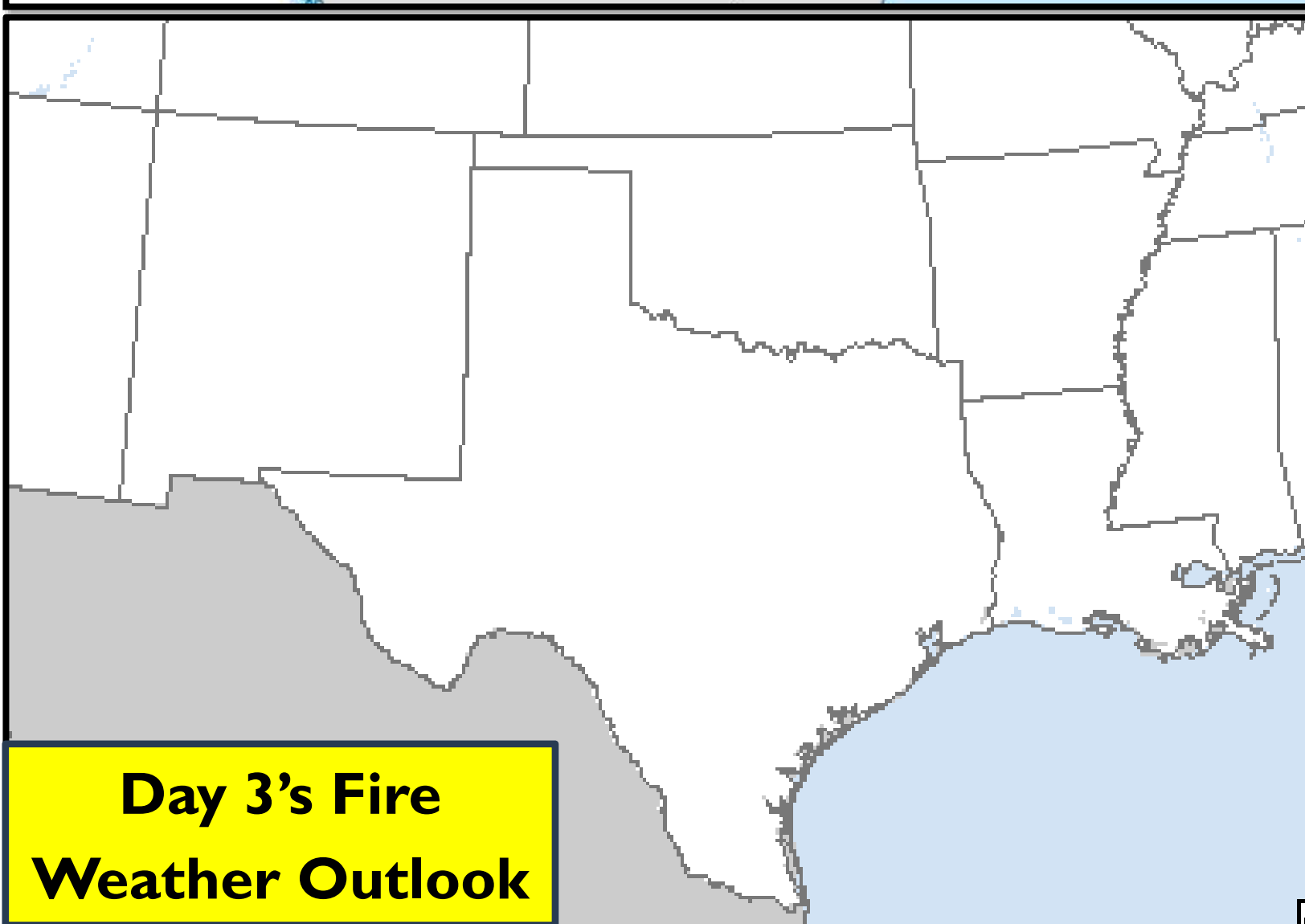
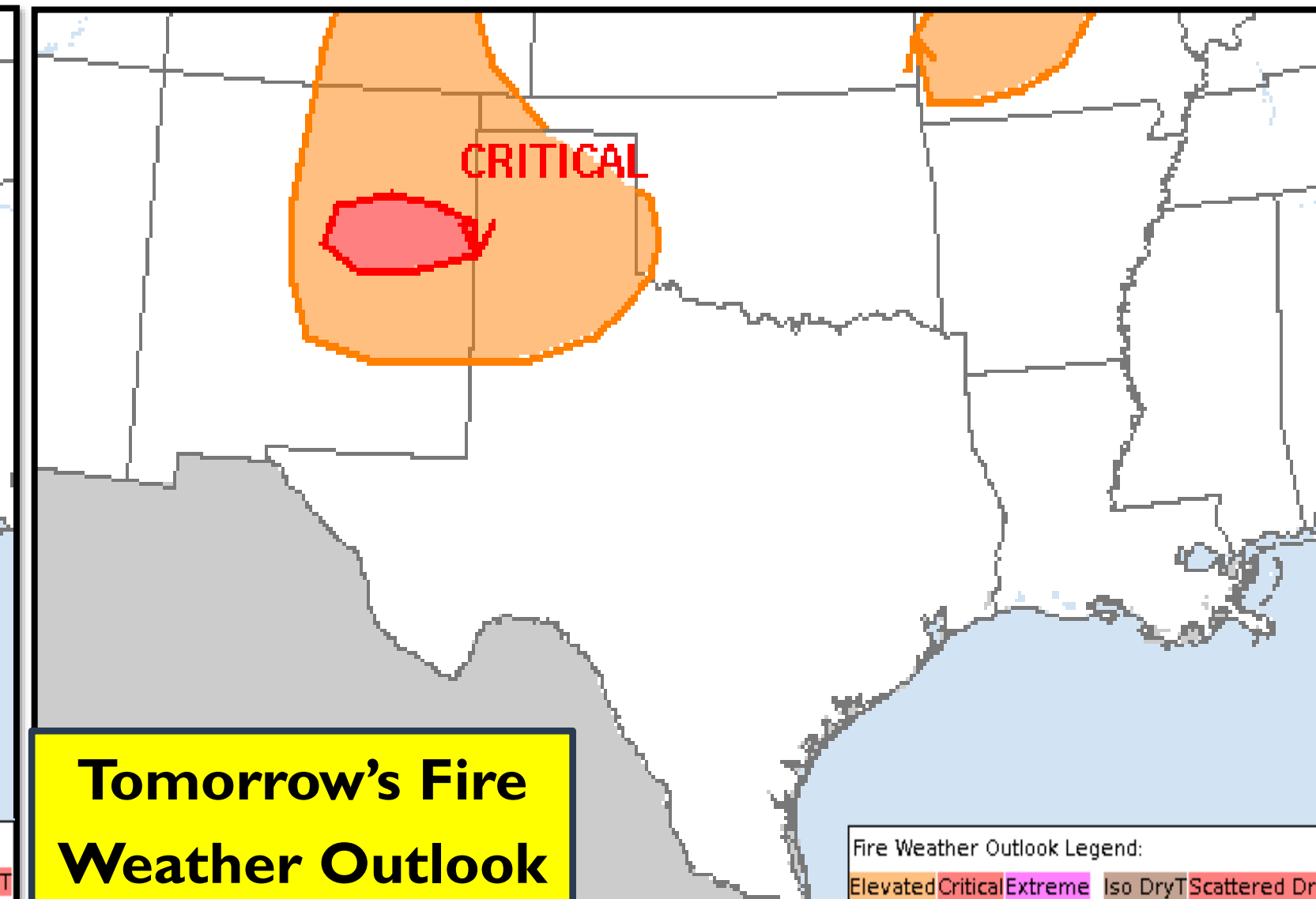
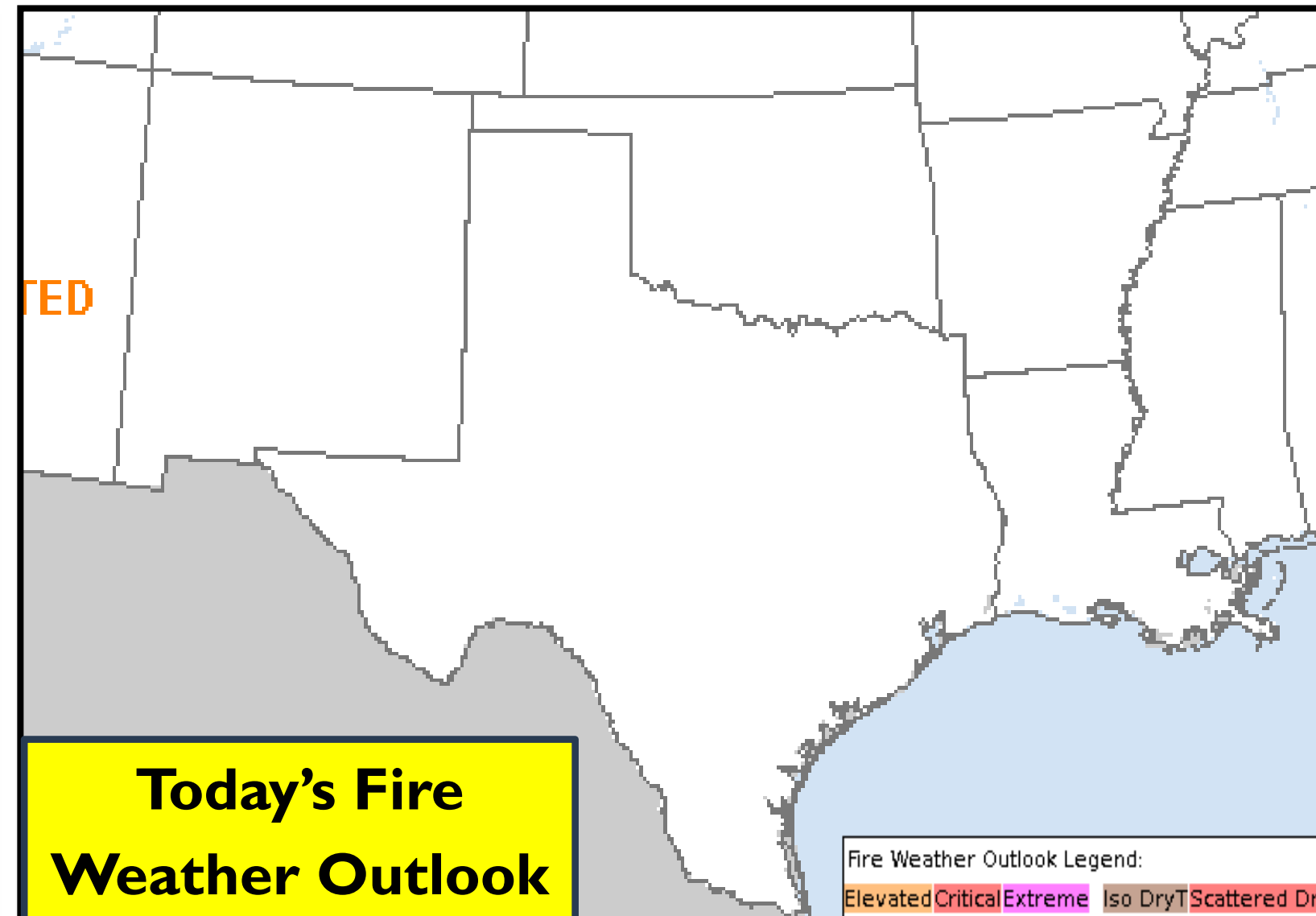
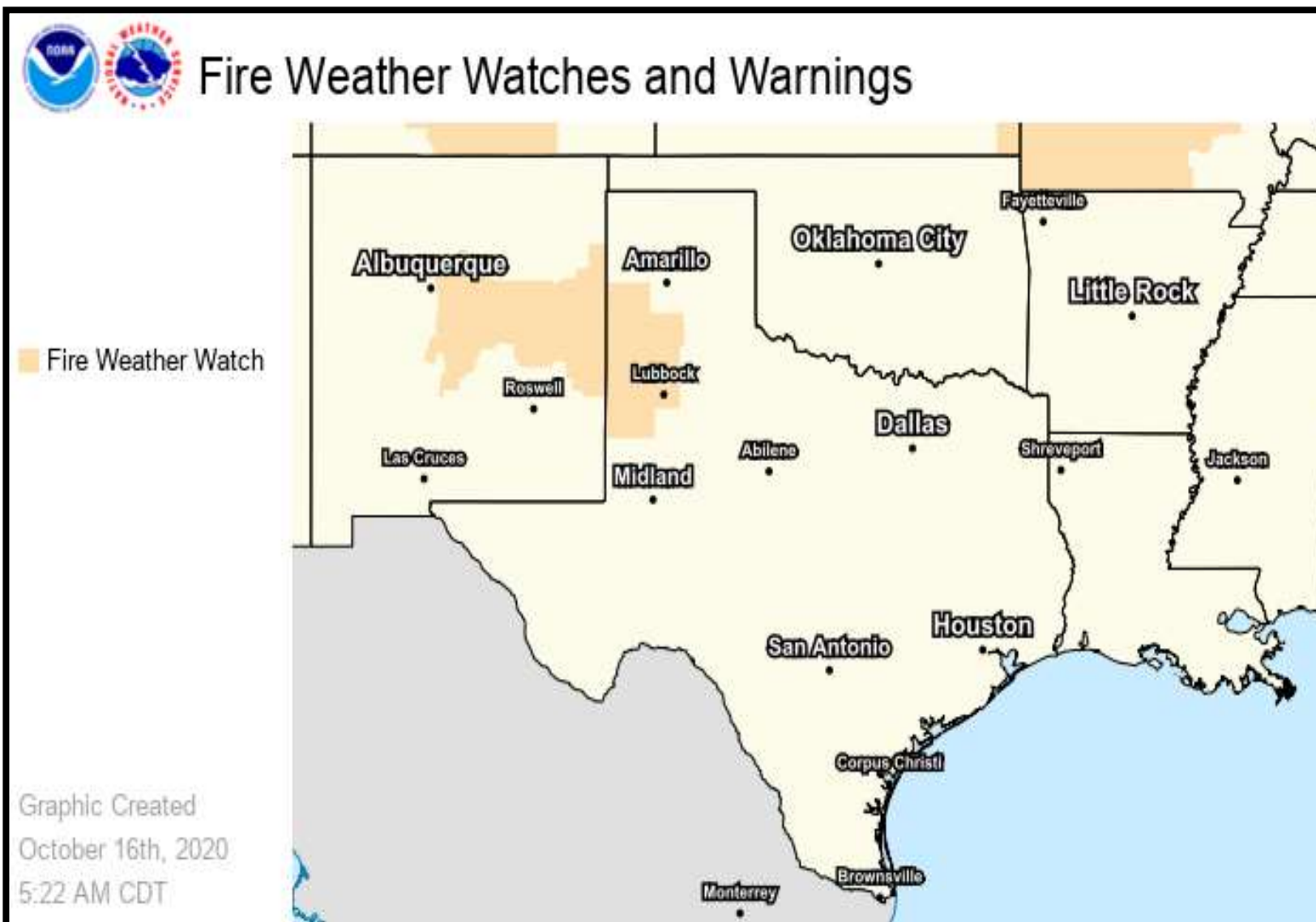




# Fire Weather Outlooks



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10/16/2020 6:15 AM

**Note: Days 3-5 only highlight Critical areas**

[www.weather.gov/srh](http://www.weather.gov/srh)

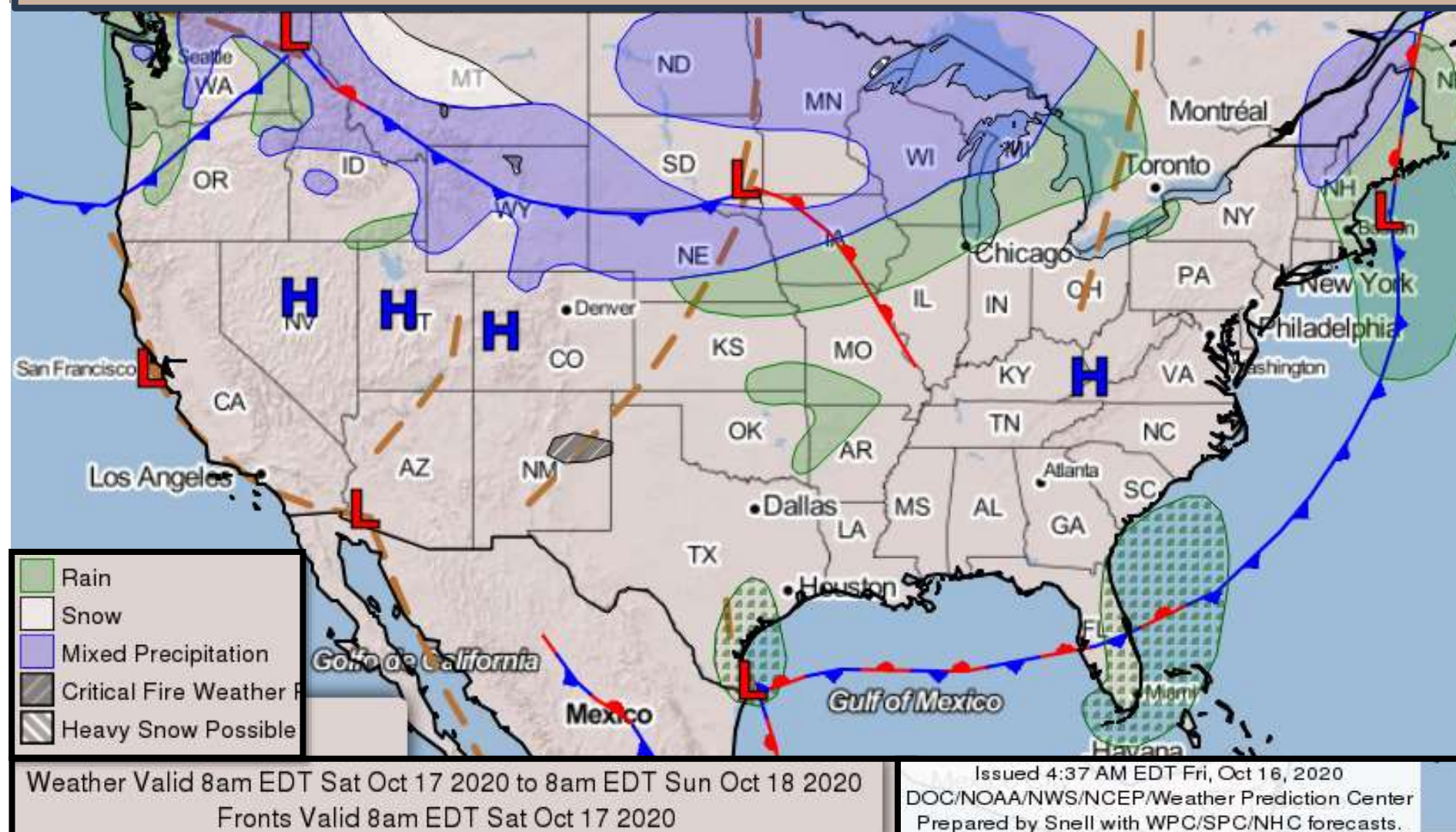


# Tomorrow's Weather

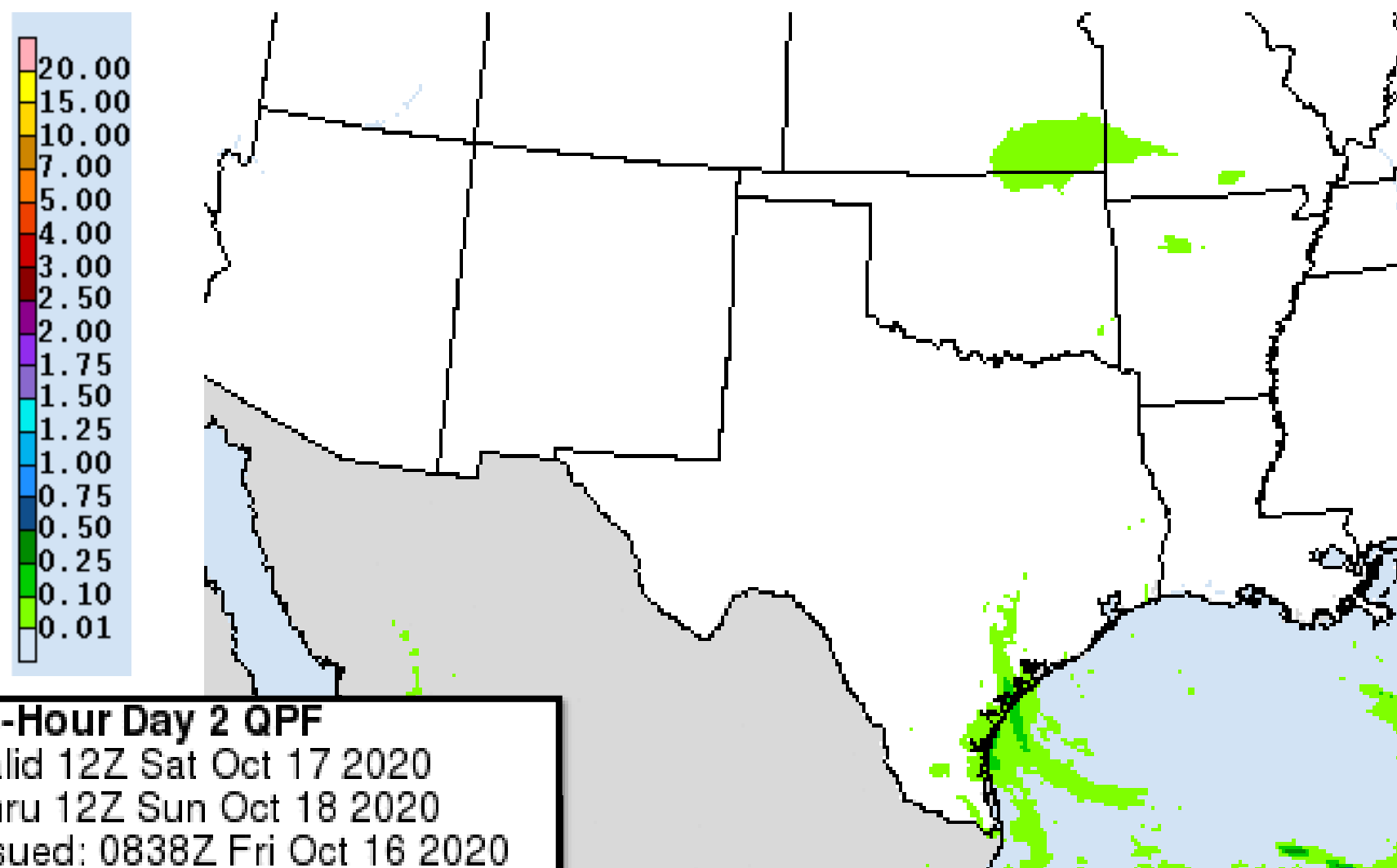


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## Forecast Chart



## Forecast Rainfall

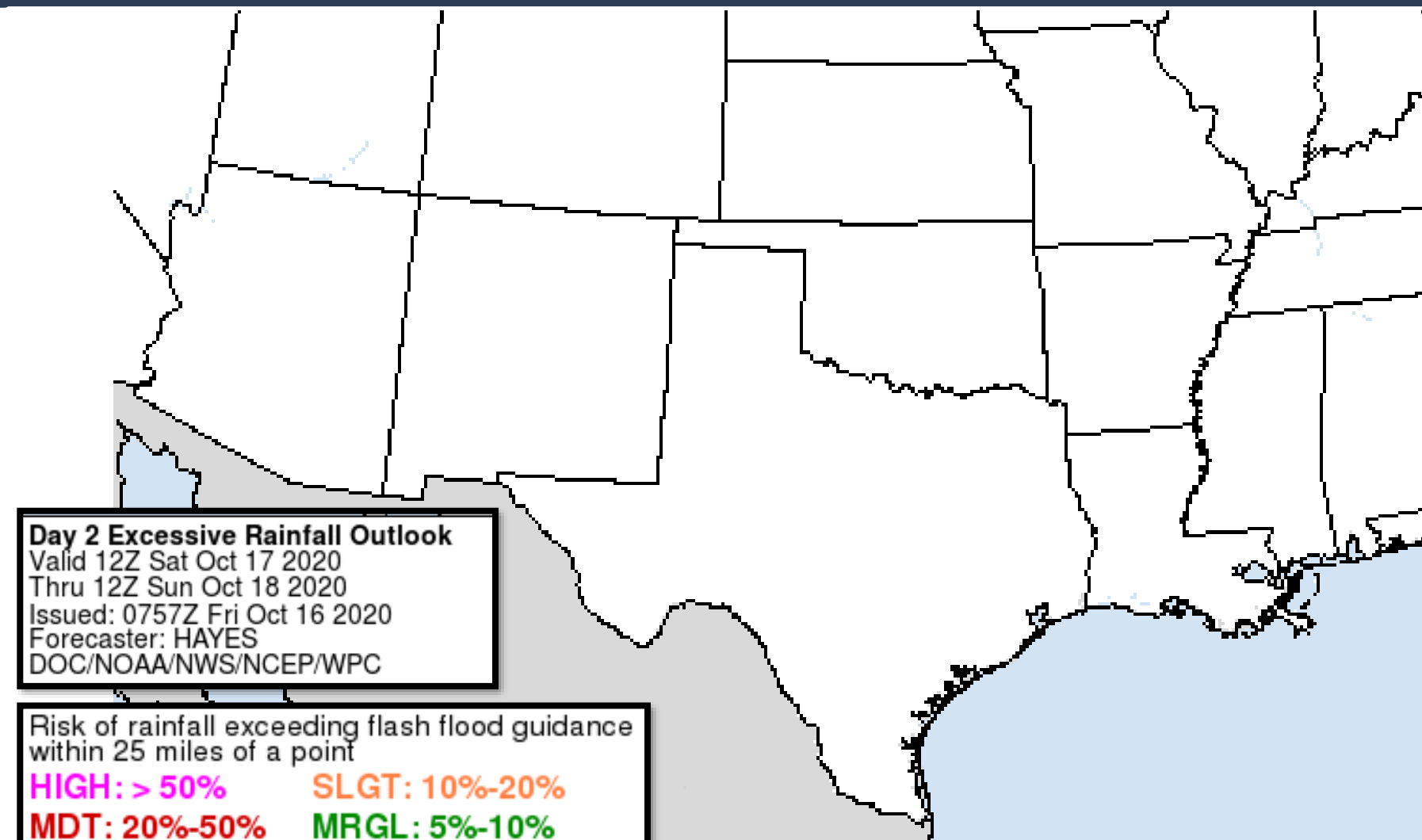


No significant weather expected.

## Severe Weather Outlook



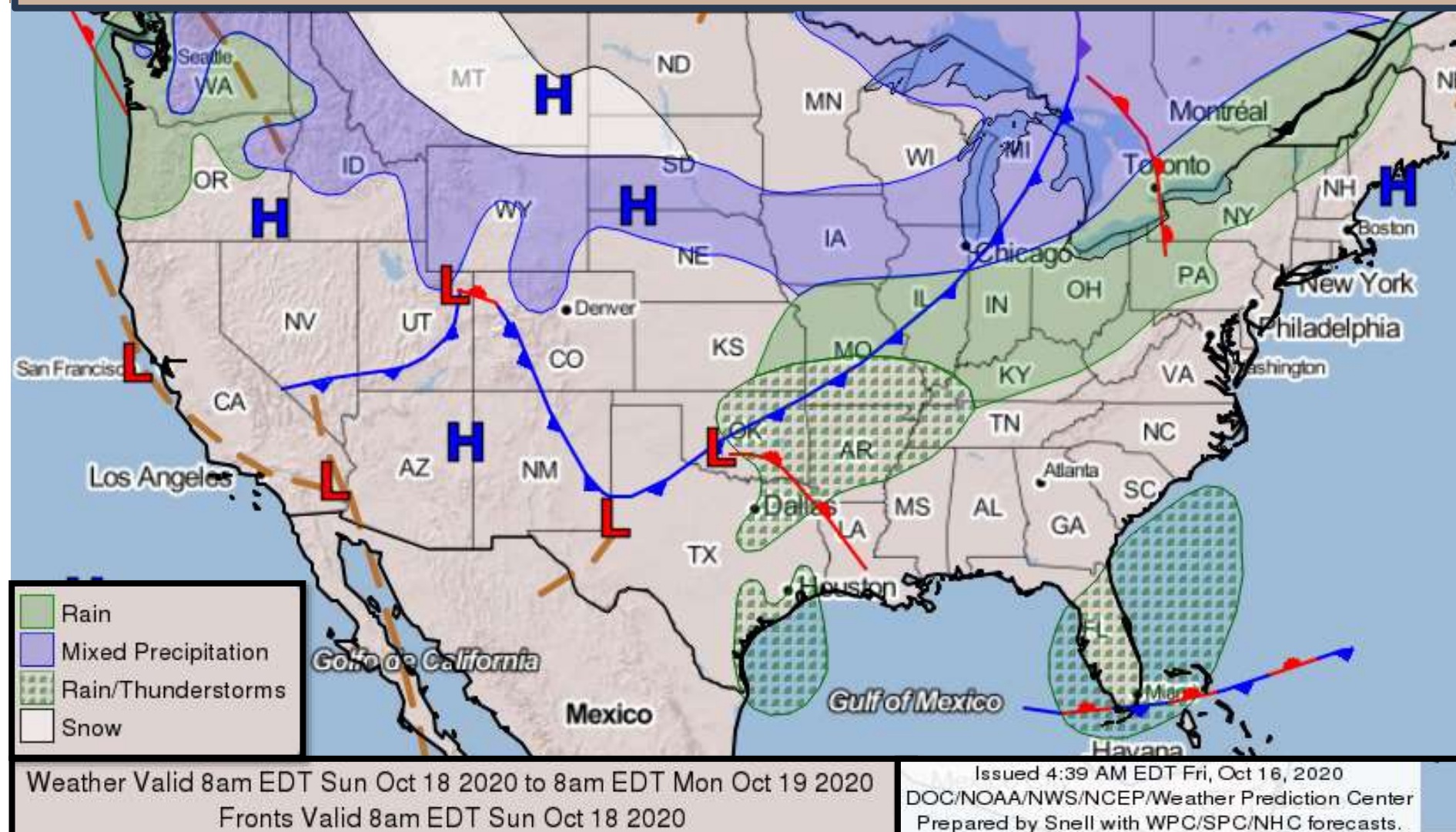
## Excessive Rainfall Outlook



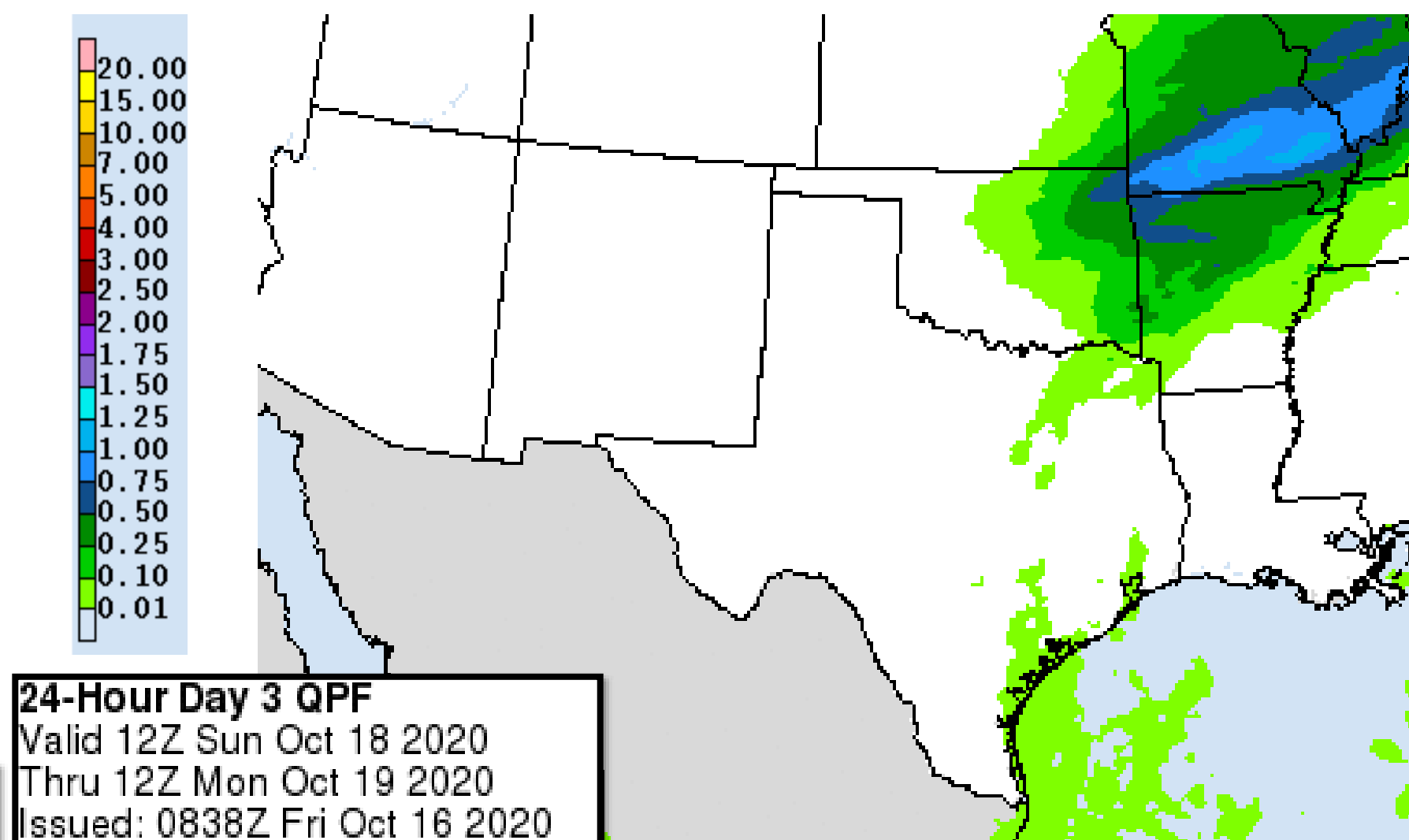


# Sunday's Weather

## Forecast Chart



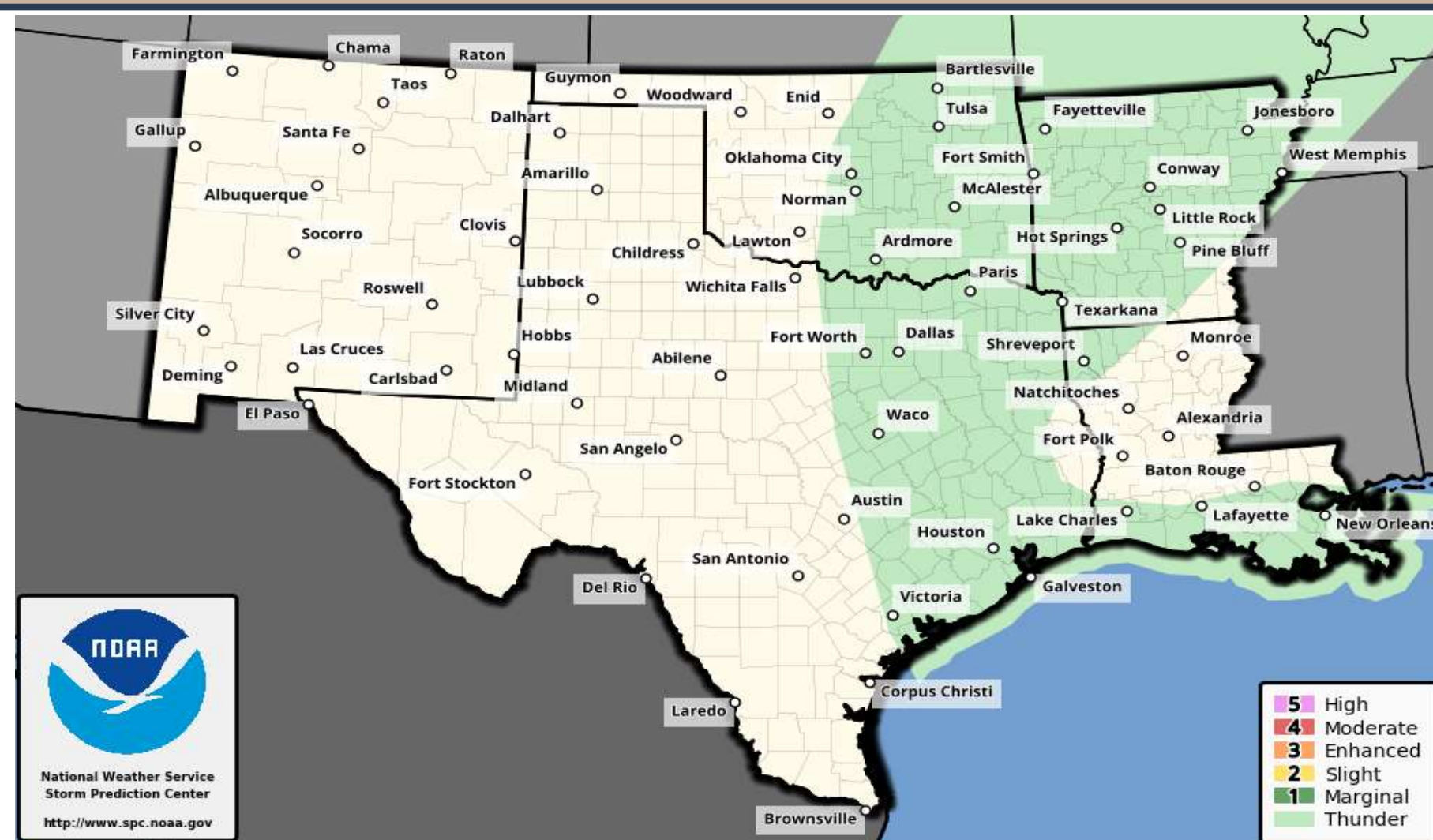
## Forecast Rainfall



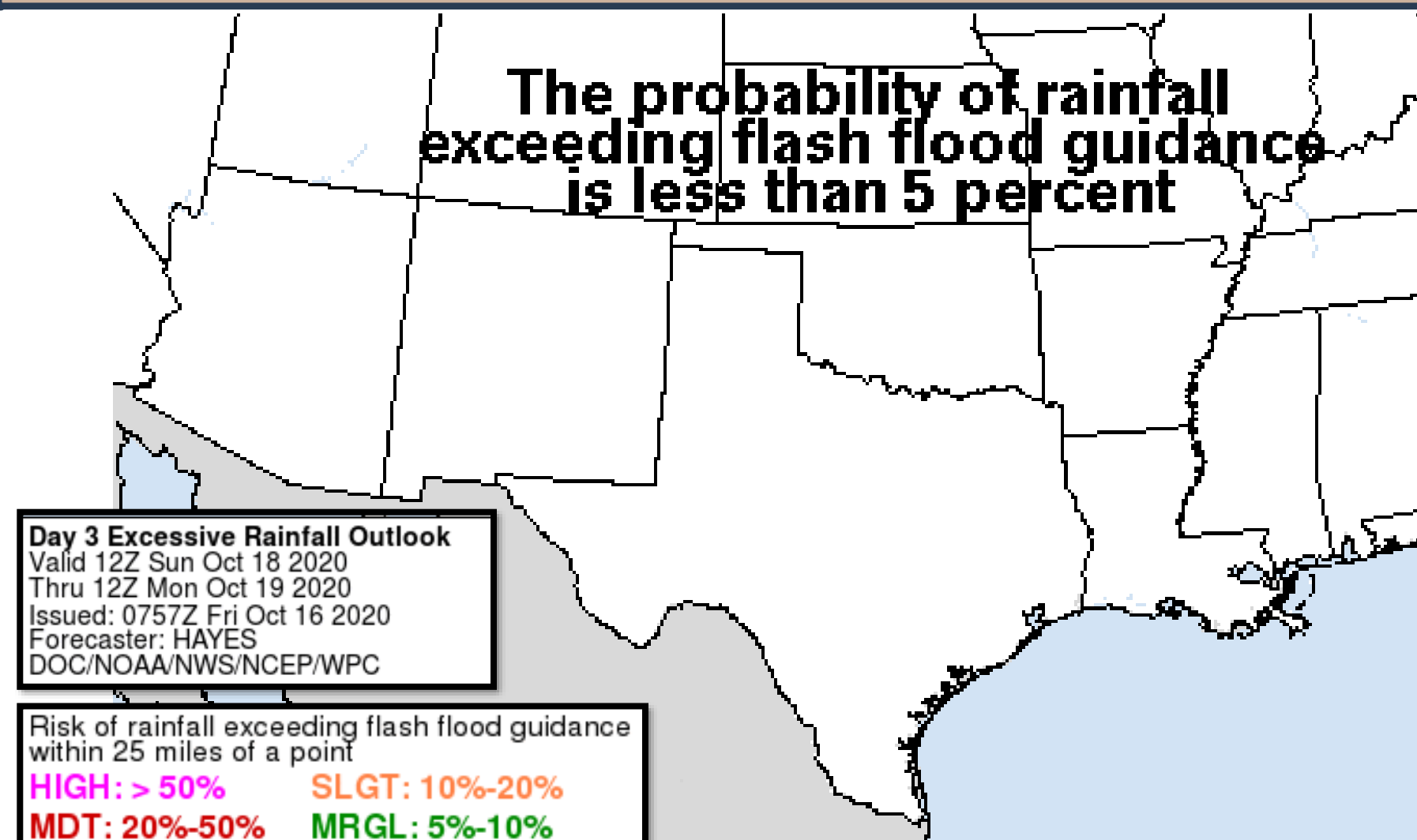
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No significant weather  
expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook





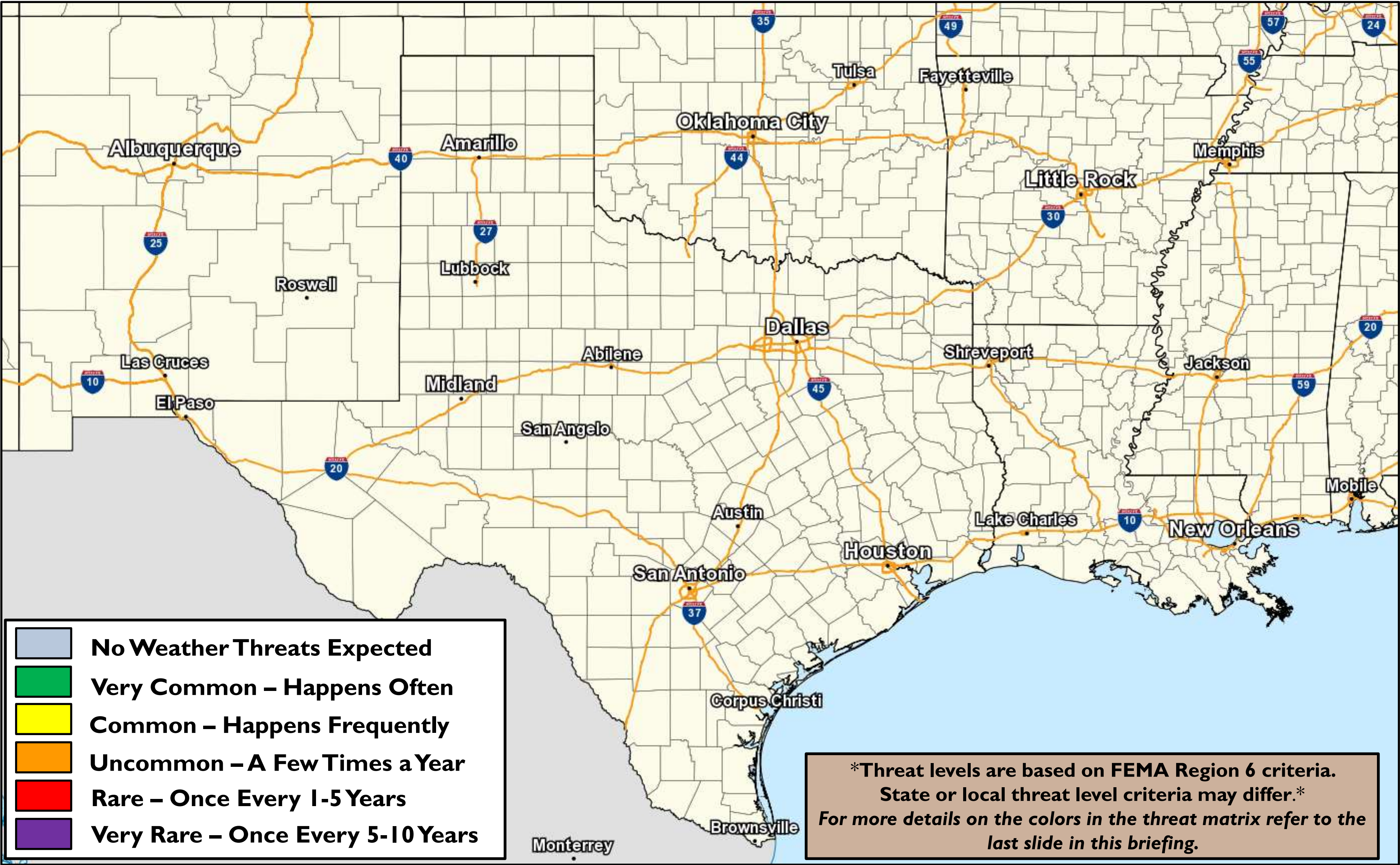
# Days 4-5 Weather Hazards

Monday - Tuesday



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No significant weather expected.





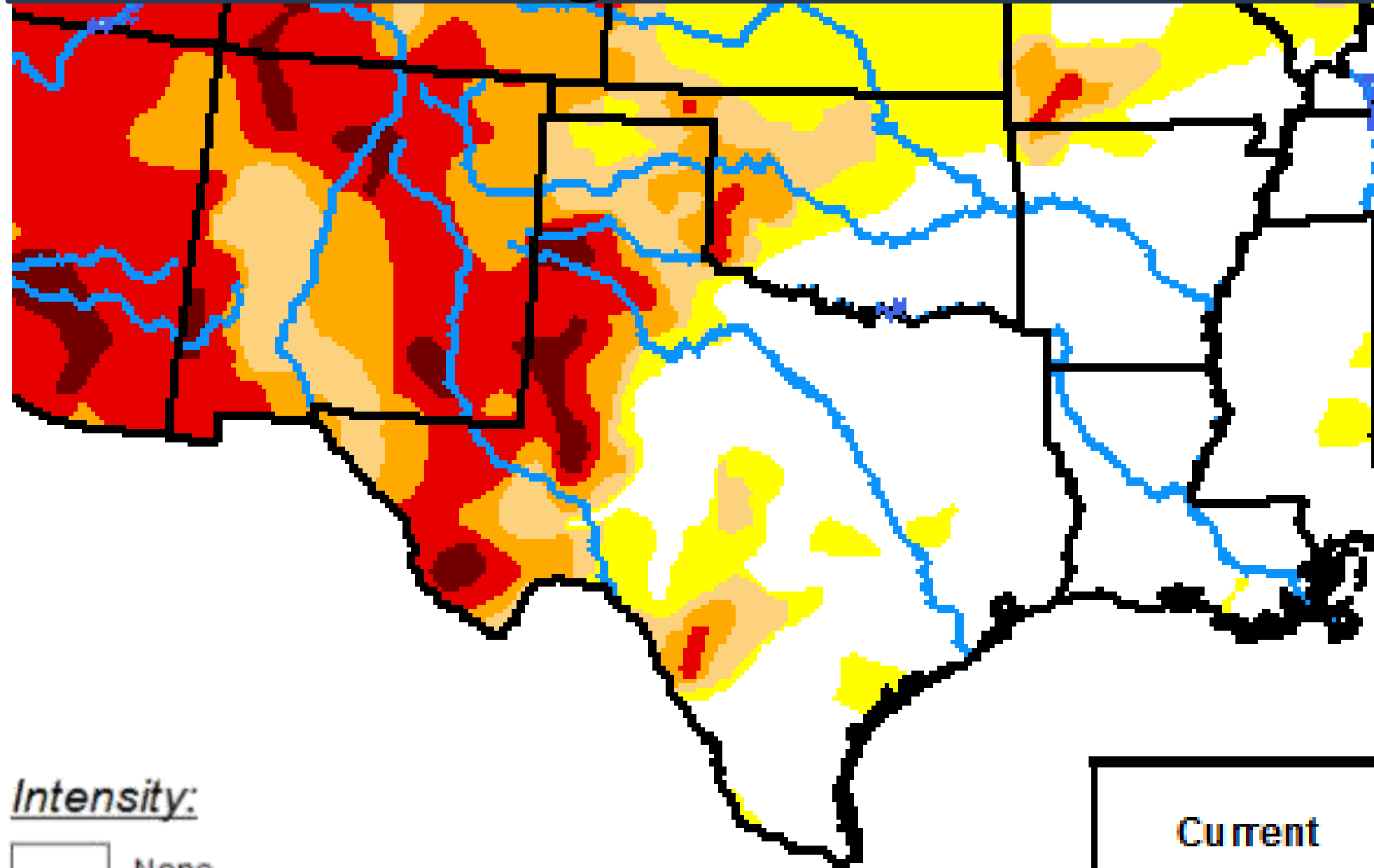
# Drought Monitor (Released Oct 15, 2020)



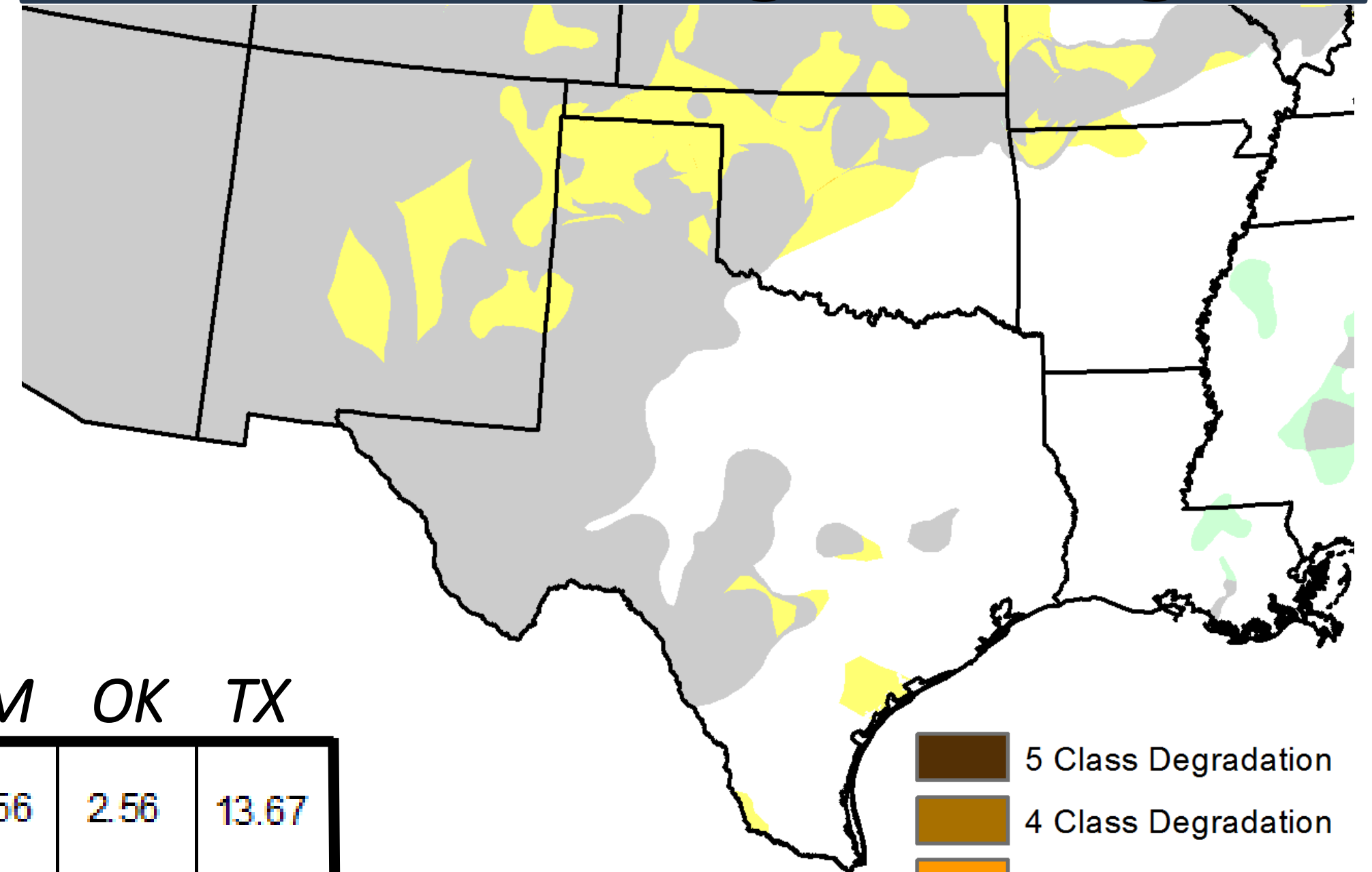
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Data valid as of 8 am ET on Tuesday, October 13, 2020

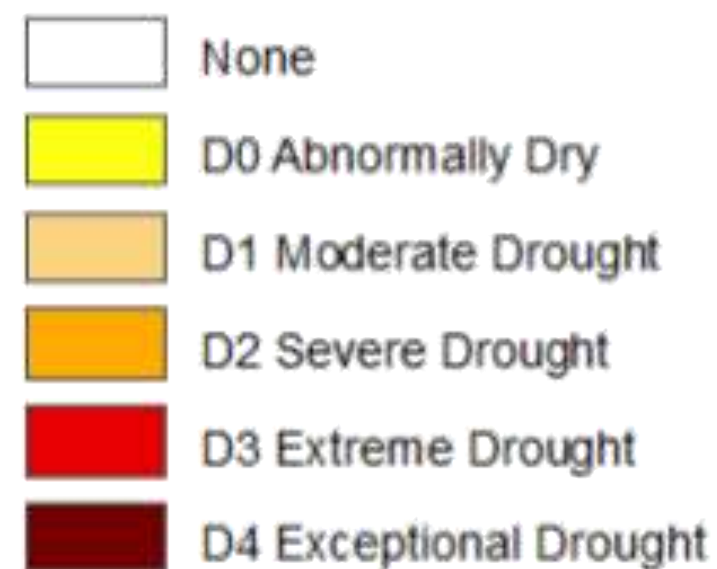
## Drought Monitor



## One Week Change in Drought



### Intensity:

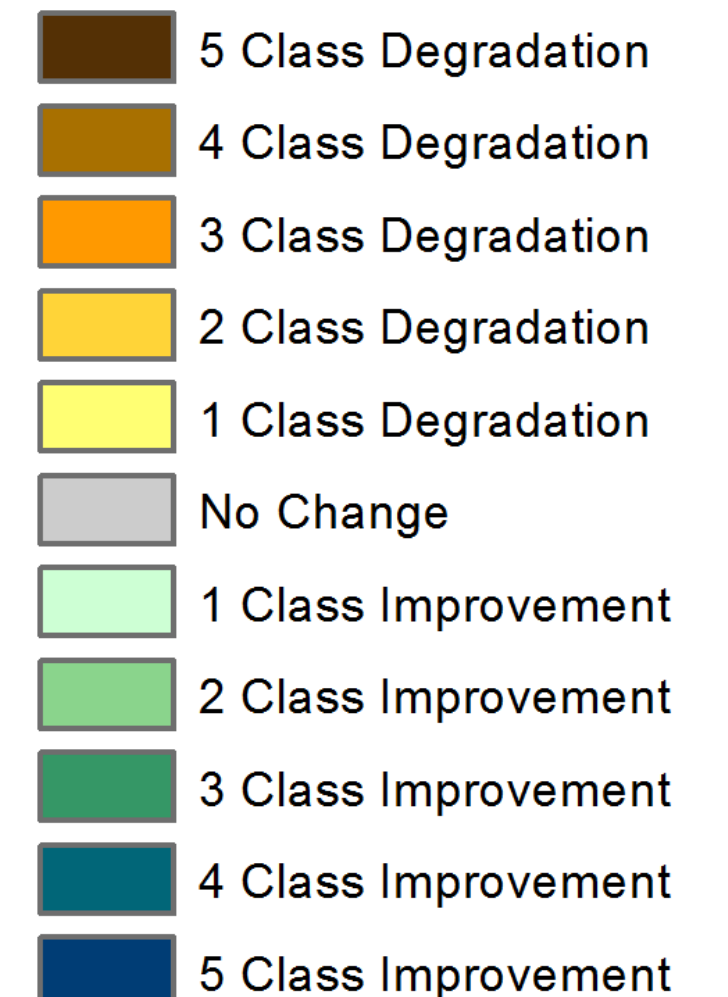


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

|                            | AR   | LA   | NM    | OK   | TX    |
|----------------------------|------|------|-------|------|-------|
| Current                    | 0.00 | 0.00 | 53.56 | 2.56 | 13.67 |
| Last Week<br>10-06-2020    | 0.00 | 0.00 | 45.01 | 2.56 | 13.18 |
| 3 Months Ago<br>07-14-2020 | 0.00 | 0.00 | 15.36 | 2.99 | 3.03  |
| One Year Ago<br>10-15-2019 | 0.00 | 0.00 | 0.00  | 0.00 | 9.37  |

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)



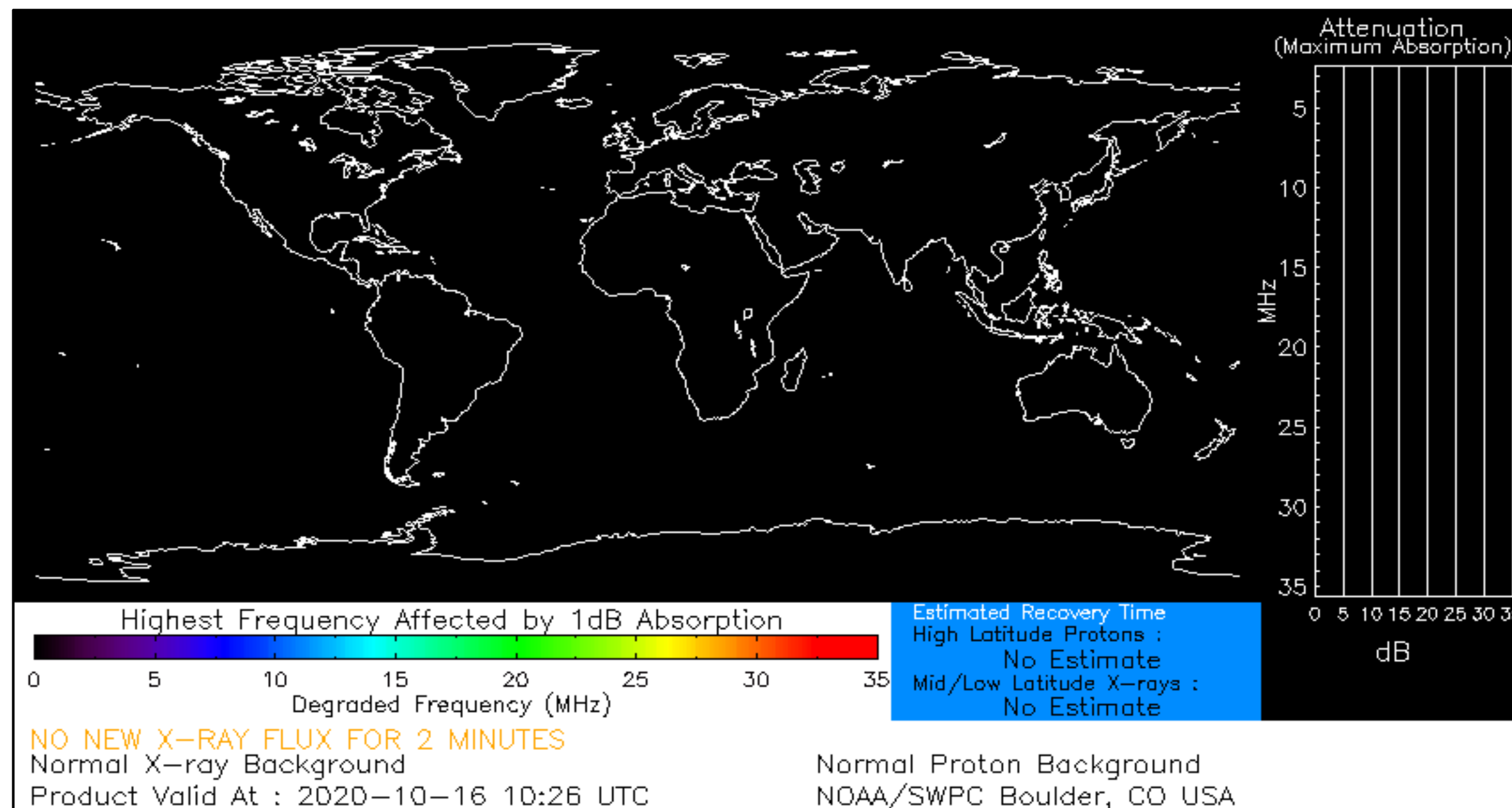


# Space Weather 3-Day Forecast



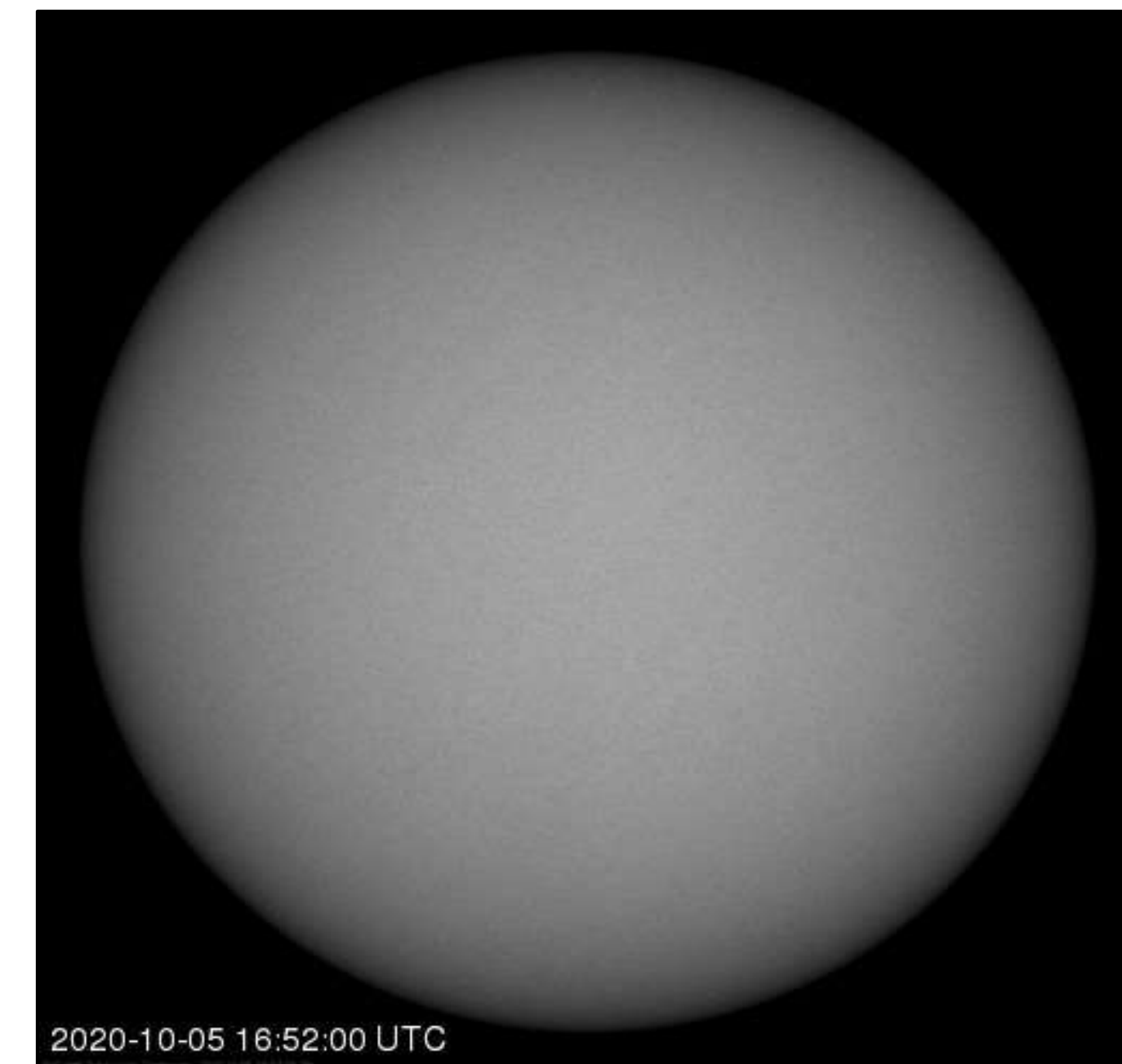
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|                                      | Friday                        | Saturday                      | Sunday                        |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R1-R2)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R3-R5)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





| Weather “Threat” Matrix |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color                   | Definition                                                                                                                                                                                                                   | Criteria                                                                                                                                                                                                                                                                                                                                                                                  | Example(s)                                                                                                                                                                                                                                                                                                                                                                               |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines                                                                   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>                                                                                                                 |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life                                                | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook                                                               | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>                                                                                   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought                                                                  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>                                                                |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**